

**FORM PTO-1449** U.S. Department of  
Commerce Patent and Trademark Office

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

1309.43490X00

SERIAL NO. 10/769,805

~~10/049,055~~

APPLICANT

K. TAMURA, et al

FILING DATE

February 3, 2004

GROUP

2186

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4	0	2	5	9	0	4	5/77	Adney et al			
	5	4	0	8	4	6	5	4/95	Gusella et al			
	5	4	5	9	8	5	7	10/95	Ludlam et al			
	5	6	8	0	5	8	0	10/97	Beardsley et al			
	5	8	7	0	5	3	7	2/99	Kern et al			
	5	8	9	5	4	8	5	4/99	Loechel et al			
	5	9	1	7	7	2	3	6/99	Binford			
	5	9	5	6	7	5	0	9/99	Yamamoto, et al			
	6	0	1	2	1	2	3	1/00	Pecone et al			
	6	0	9	8	1	2	9	7/00	Fukuzawa et al			

**FOREIGN PATENT DOCUMENTS**

FOREIGN PATENT DOCUMENTS														
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
													YES	NO
	1	0	2	8	3	2	7	2	10/98	Japan			XX	
	2 0 0 0	2	9	3	3	1	7		10/00	Japan			XX	
	2 0 0 1	0	6	7	1	8	7		3/01	Japan			XX	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

**FORM PTO-1449** U.S. Department of  
Commerce Patent and Trademark Office

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

1309.43490X00

SERIAL NO. 10/769,805

~~10/049,000~~

APPLICANT

K. TAMURA, et al

FILING DATE

February 3, 2004

GROUP

2186

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6	1	7	3	3	7	4	1/01	Heil, et al			
	6	2	1	9	7	5	3	4/01	Richardson			
	6	2	4	7	0	9	9	6/01	Skazinski et al			
	6	2	4	7	1	0	3	6/01	Kern et al			
	6	4	4	6	1	4	1	9/02	Nolan et al			
	6	4	4	6	1	7	5	9/02	West et al			
	6	4	8	4	1	7	3	11/02	O'Hare, et al			
	6	4	9	0	6	5	9	12/02	McKean et al			
	6	5	2	3	0	9	6	2/03	Sanada et al			
	6	5	2	9	9	7	6	3/03	Fukuzawa et al			
	6	5	5	3	4	0	8	4/03	Merrell et al			

**FOREIGN PATENT DOCUMENTS**

FOREIGN PATENT DOCUMENTS														
		DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT		
													YES	NO
	2 0 0 2	1	5	7	0	9	1		5/02	Japan			XX	
	2 0 0 2	2	3	0	2	4	6		8/02	Japan			XX	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	White Paper, "Network Attached Storage in the Data Protection Environment", Sony Electronics Inc., Feb. 2002, pps. 1-23.
	S. Sicola, "SCSI-3 Fault Tolerant Controller Configurations Utilizing SCC & New Event Codes", High Availability Study Group, Doc. No. X3T10 95-312r3, Rev. 3.0, Feb. 28, 1996, pp. 1-4.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

**FORM PTO-1449** U.S. Department of  
Commerce Patent and Trademark Office

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

**1309.43490X00**

SERIAL NO. **10/769,805**

**40/649,636**

APPLICANT

**K. TAMURA, et al**

FILING DATE

**February 3, 2004**

GROUP

**2186**

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6	6	4	0	2	7	8	10/03	Nolan et al			
	6	6	4	7	4	7	4	11/03	Yanai et al			
	6	6	5	4	8	3	0	11/03	Taylor et al			
	6	6	5	4	8	3	1	11/03	Otterness et al			
	6	6	7	5	2	5	8	1/04	Bramhall et al			
	6	6	8	1	3	3	9	1/04	McKean et al			
	6	6	8	4	3	1	0	1/04	Anzai et al			
	6	7	4	5	2	8	1	6/04	Saegusa			
	6	7	9	9	2	5	5	9/04	Blumenau et al			
	6	8	5	1	0	2	0	2/05	Matsumoto et al			
	6	8	8	3	0	6	4	4/05	Yoshida et al			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
												YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

**FORM PTO-1449** U.S. Department of  
Commerce Patent and Trademark Office

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

1309.43490X00

SERIAL NO. 10/769,805

~~10/049,035~~

APPLICANT

K. TAMURA, et al

FILING DATE

February 3, 2004

GROUP

2186

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
2 0 0 1	0 0 5 0 9 1 5	12/01	O'Hare et al			
2 0 0 1	0 0 5 2 0 1 8	12/01	Yokokura			
2 0 0 2	0 0 0 4 8 5 7	1/02	Arakawa et al			
2 0 0 2	0 1 3 3 7 3 5	9/02	McKean et al			
2 0 0 2	0 1 5 6 8 8 7	10/02	Hashimoto			
2 0 0 3	0 0 3 7 0 7 1	2/03	Harris et al			
	6 3 5 6 9 7 7	3/02	Ofek et al			

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT
					YES NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

**FORM PTO-1449** U.S. Department of  
Commerce Patent and Trademark Office

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

1309.43490X00

SERIAL NO. 10/769,805

10/540,636

APPLICANT

K. TAMURA, et al

FILING DATE

February 3, 2004

GROUP

2186

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
2 0 0 3	0 0 5 1 1 0 9	3/03	Cochran			
2 0 0 3	0 0 5 6 0 3 8	3/03	Cochran			
2 0 0 3	0 0 9 7 6 0 7	5/03	Bessire			
2 0 0 3	0 1 0 1 2 2 8	5/03	Busser et al			
2 0 0 3	0 1 1 5 4 3 2	6/03	Biessener et al			

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT
					YES NO
1 4 1 6 0 6 2	5/03	China			Eng. Trans.

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

"SAN Virtualization Guidelines", DataCore Software Corporation, 2000, pp. 1-9.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

**FORM PTO-1449** U.S. Department of  
Commerce Patent and Trademark Office

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

**1309.43490X00**

SERIAL NO. 10/769,805

~~10/640,635~~

APPLICANT

**K. TAMURA, et al**

FILING DATE

**February 3, 2004**

GROUP

**2186**

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2 0 0 3	0	1	2	6	3	2	7	7/03	Pesola et al			
	2 0 0 3	0	1	4	5	1	6	8	7/03	LeCrone et al			
	2 0 0 3	0	1	5	8	9	9	9	8/03	Hauck et al			
	2 0 0 3	0	1	6	7	4	1	9	9/03	Yanal et al			
	2 0 0 3	0	2	0	0	3	8	7	10/03	Urabe et al			
	2 0 0 3	0	2	0	4	5	9	7	10/03	Arakawa et al			
	2 0 0 3	0	2	1	2	8	6	0	11/03	Jiang et al			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
													YES	NO

**EXAMINER**

**DATE CONSIDERED**

**EXAMINER:** Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

**FORM PTO-1449 U.S. Department of  
Commerce Patent and Trademark Office**
**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

1309.43490X00

SERIAL NO. 10/769,805

~~10/849,835~~

APPLICANT

K. TAMURA, et al

FILING DATE

February 3, 2004

GROUP

2186

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2 0 0 4	0	0	0	3	0	2	2	1/04	Garrison et al			
	2 0 0 4	0	0	4	9	5	5	3	3/04	Iwamura et al			
	2 0 0 4	0	0	5	4	8	5	0	3/04	Fisk			
	2 0 0 4	0	0	6	4	6	1	0	4/04	Fukuzawa et al			
	2 0 0 4	0	0	6	4	6	4	1	4/04	Kodama			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
												YES	NO

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

**FORM PTO-1449** U.S. Department of  
Commerce Patent and Trademark Office

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

**1309.43490X00**

SERIAL NO. **10/769,805**

~~10/849,833~~

APPLICANT

**K. TAMURA, et al**

FILING DATE

**February 3, 2004**

GROUP

**2186**

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2 0 0 4	0	1	2	3	1	8	0	6/04	Soejima, et al			
	2 0 0 4	0	1	4	3	8	3	2	7/04	Yamamoto, et al			
	2 0 0 4	0	1	4	8	4	4	3	7/04	Achiwa et al			
	2 0 0 4	0	1	7	2	5	1	0	9/04	Nagashima et al			
	2 0 0 4	0	2	3	0	9	8	0	11/04	Koyama et al			
	2 0 0 4	0	2	6	0	8	7	5	12/04	Murotani et al			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
													YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	Introduction to Storage Pooling, Consolidation Storage Resources with DataCore SANsymphony Software™ White Paper, DataCore Software, updated July 2003, pp. 1-8.												
--	---	--	--	--	--	--	--	--	--	--	--	--	--

EXAMINER

DATE CONSIDERED

**EXAMINER:** Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])



**FORM PTO-1449** U.S. Department of  
Commerce Patent and Trademark Office

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

1309.43490X00

SERIAL NO. 10/769,805

~~40640,636~~

APPLICANT

K. TAMURA, et al

FILING DATE

February 3, 2004

GROUP

2186

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5	1	5	5	8	4	5		10/92	Beal et al			
2 0 0 4	0	2	6	0	9	6	6		12/04	Kaiya et al			
2 0 0 2	0	0	2	9	3	2	6		3/02	Reuter et al			
2 0 0 2	0	0	0	3	0	2	2		1/02	Csida et al			
2 0 0 2	0	0	2	6	5	5	8		2/02	Reuter et al			
2 0 0 2	0	0	1	9	9	2	0		2/02	Reuter et al			
2 0 0 2	0	0	1	9	9	2	2		2/02	Reuter et al			
2 0 0 2	0	0	1	9	9	2	3		2/02	Reuter et al			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
							YES	NO
EXAMINER			DATE CONSIDERED					

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

**FORM PTO-1449 U.S. Department of  
Commerce Patent and Trademark Office**
**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

1309.43490X00

SERIAL NO. 10/769,805

~~10769,805~~

APPLICANT

K. TAMURA, et al

FILING DATE

February 3, 2004

GROUP

2186

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6 1 9 5 7 3 0	2/01	West			
2 0 0 2	0 0 1 9 9 0 8	2/02	Reuter et al			
2 0 0 2	0 0 6 5 8 6 4	5/02	Hartsell, et al			
2 0 0 2	0 0 8 7 5 4 4	7/02	Selkirk, et al			
2 0 0 2	0 1 0 3 8 8 9	8/02	Markson, et al			
2 0 0 2	0 1 1 2 1 1 3	8/02	Karpoff, et al			

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT
					YES NO
9 7 0 9 6 7 6	3/97	PCT			

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

**FORM PTO-1449** U.S. Department of  
Commerce Patent and Trademark Office

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

**1309.43490X00**

SERIAL NO. 10/769,805

~~10/640,635~~

APPLICANT

**K. TAMURA, et al**

FILING DATE

**February 3, 2004**

GROUP

**2186**

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2 0 0 2	0	1	5	6	9	8	4	10/02	Padovano			
	2 0 0 2	0	1	5	6	9	8	7	10/02	Gajjar, et al			
	2 0 0 2	0	1	7	8	3	3	5	11/02	Selkirk, et al			
	2 0 0 2	0	1	8	8	5	9	2	12/02	Leonhardt, et al			
	2 0 0 5	0	2	4	0	7	4	1	10/05	Nagasawa et al			
		5	9	7	8	8	9	0	11/99	Ozawa et al			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
												YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	P. Sarkar, et al "Internet Protocol Storage Area Networks", IBM Systems, Journal, vol. 42, No. 2, 2003, pp. 218-231.
	E. Anderson, et al, "Hippodrome: Running Circles Around Storage Administration", Hewlett-Packard Laboratories, pp. 14.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

**FORM PTO-1449** U.S. Department of  
Commerce Patent and Trademark Office

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

**1309.43490X00**

SERIAL NO. 10/769,805

**10/640,636**

APPLICANT

**K. TAMURA, et al**

FILING DATE

**February 3, 2004**

GROUP

**2186**

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2 0 0 4	0	0	8	8	4	1	7	5/04	Bober, et al			
	2 0 0 3	0	0	9	3	5	6	7	5/03	Lolayekar, et al			
	2 0 0 4	0	0	6	8	6	3	7	4/04	Nelson et al			
	2 0 0 3	0	2	2	9	6	4	5	12/03	Nelson et al			
	2 0 0 5	0	0	3	3	8	7	8	2/05	Mogi et al			
	2 0 0 4	0	1	3	9	2	3	7	7/04	Pangal et al			
	2 0 0 3	0	1	1	5	2	1	8	6/03	Bobbitt et al			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
													YES	NO

**EXAMINER**

**DATE CONSIDERED**

**EXAMINER:** Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

**FORM PTO-1449** U.S. Department of  
Commerce Patent and Trademark Office

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

**1309.43490X00**

SERIAL NO. 10/769,805

**10/640,635**

APPLICANT

**K. TAMURA, et al**

FILING DATE

**February 3, 2004**

GROUP

**2186**

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6	7	1	8	4	0	4	4/04	Reuter et al			
	6	8	5	7	0	5	7	2/05	Nelson et al			
	6	9	7	3	5	4	9	12/05	Testardi			
	6	9	7	6	1	0	3	12/05	Watanabe et al			
	3	7	7	1	1	3	7	11/73	Barner et al			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
												YES	NO
	0	3	0	2	3	6	4	0	3/03	PCT			

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	JP 10-508967 (PCT equivalent WO 97/09676).											

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

**FORM PTO-1449** U.S. Department of  
Commerce Patent and Trademark Office

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

**1309.43490X00**

SERIAL NO. **10/769,805**

~~10/643,895~~

APPLICANT

**K. TAMURA, et al**

FILING DATE

**February 3, 2004**

GROUP

**2186**

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6	6	2	2	2	2	0	9/03	Yoshida et al			
	6	6	4	7	3	8	7	11/03	McKean et al			
	6	7	7	2	3	1	5	8/04	Perego			
R	E	3	7	3	0	5		7/01	Chang et al			
2 0 0 5	0	1	3	8	1	8	4	6/05	Amir			
2 0 0 4	0	0	5	4	8	6	6	3/04	Blumenau et al			
2 0 0 4	0	0	2	8	0	4	3	2/04	Maveli et al			

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
											YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	"SANRAD Application Note: Migrating Individual Servers to an iSCSI SAN", APP-004-01, SANRAD 2003, pp. 1-15.
	"SANRAD Application Note: Data Migration Solution Transferring Data Between Storage Systems Over Fibre-Channel or SCSI Connections, APP-003-03, SANRAD 2003, pp. 1-9.
	"White Paper - Celerra Data Migration Service (CDMS)", EMC Corporation, Jan. 2002, pp. 1-13.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

**FORM PTO-1449** U.S. Department of  
Commerce Patent and Trademark Office

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

**1309.43490X00**

SERIAL NO. 10/769,805

~~10/640,686~~

APPLICANT

**K. TAMURA, et al**

FILING DATE

**February 3, 2004**

GROUP

**2186**

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2 0 0 1	0	0	5	4	1	3	3	12/01	Murotani et al			
	2 0 0 2	0	1	2	4	1	0	8	9/02	Terrell et al			
	2 0 0 3	0	2	0	4	7	0	0	10/03				
	2 0 0 5	0	0	1	0	7	4	3	01/05	Tremblay et al			
		4	7	1	0	8	6	8	12/87	Cocke et al			
		6	3	4	1	3	2	9	1/02	LeCrone et al			
		6	6	8	1	3	0	3	1/04	Watabe et al			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
													YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

**FORM PTO-1449 U.S. Department of  
Commerce Patent and Trademark Office**
**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

**1309.43490X00**

SERIAL NO. 10/769,805

**10/049,035**

APPLICANT

**K. TAMURA, et al**

FILING DATE

**February 3, 2004**

GROUP

**2186**
**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5	7	5	8	1	1	8	5/98	Choy et al	711	114	
	5	8	3	5	9	5	4	11/98	Duyanovich et al	711	162	
	6	1	0	8	7	4	8	8/00	Ofek et al	711	112	
	6	2	3	0	2	3	9	5/01	Sakaki et al	711	112	
	6	2	4	0	4	8	6	5/01	Ofek et al	711	112	
	6	4	5	7	1	3	9	9/02	D'Errico et al	714	5	
	6	6	4	0	2	9	1	10/03	Fujibayashi et al	711	162	
	6	8	2	6	7	7	8	11/04	Bopardikar et al	725	145	
	6	8	1	6	9	4	8	11/04	Kitamura et al	711	152	

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
												YES	NO
	1	1	3	0	5	1	4	9/01	European				

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])



<b>FORM PTO-1449</b> U.S. Department of Commerce Patent and Trademark Office  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)	ATTY. DOCKET NO. <b>1309.43490X00</b>	SERIAL NO. 10/769,805 <b>10/045,895</b>
	APPLICANT <b>K. TAMURA, et al</b>	
	FILING DATE <b>February 3, 2004</b>	GROUP <b>2186</b>

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5	5	4	8	7	1	2	8/96	Larson et al	714	7	
	5	6	8	0	6	4	0	10/97	Ofek et al	710	19	
2 0 0 2	0	1	9	4	5	2	3	12/02	Ulrich et al	714	4	
2 0 0 3	0	1	8	2	5	2	5	9/03	O'Connell et al	711	162	
2 0 0 5	0	0	8	1	0	0	9	4/05	Williams et al	711	163	
2 0 0 5	0	0	1	0	7	3	4	1/05	Soejima et al	711	163	
2 0 0 3	0	1	4	5	1	6	9	7/03	Nagasawa et al	711	117	
	7	0	5	1	1	2	1	5/06	H. Ohno, et al			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
												YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	/Hetul Patel/	DATE CONSIDERED	09/08/2008
----------	---------------	-----------------	------------

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])